

BUDNITSKIY, M.

Innovators in industry. Prom. koop. 12 no.8:5 Ag '58.

(MIRA 11:9)

1. Sekretar' partorganizatsii arteli "6-ya pyatiletka," Nikolayev.
(Machinery)

BUDNITSKIY, M.; KISELEV, P.

Strengthening of friendship. Pozh. delo 7 no. 2:15 F '61.
(MIRA 14:2)

1. Predsedatel' Rostovskogo oblastnogo dobrovol'nogo pozharnogo obshchestva (for Budnitskiy).
 2. Predsedatel' Krasnodarskogo krayevogo dobrovol'nogo pozharnogo obshchestva (for Kiselev).
- (Fire prevention--Societies)

BUDNITSKIY, M.S. [Budnyts'kyi, M.S.], inzh.; BERKOV, I.L., inzh.

Universal duster. Mekh. sil'. hosp. 12 no. 5:23 My '61.

(MIRA 14:5)

1. Moldavskaya mashinoispytatel'naya stantsiya.
(Spraying and dusting equipment)

BUDNITSKIY, S.M.; BEBENSHTEYN, A.F.

Utilizing molasses waste. Spirt. prom. 24 no.1:28 '58.
(MIRA 11:3)
(Distilling industries--By-products)
(Insect baits and repellents)

USKOV, P.S.; NASSONOV, V.A.; BUDNITSKIY, V.S.

Interpretation of graphs of horizon-by-horizon photography of a
magnetic field. Geofiz.razv. no.13:96-102 '63. (MIRA 17:4)

BUDNITSKIY, V.S.

Transferring sheet for the interpretation of the ground measurements,
horizon by horizon, of a magnetic field. Geofiz.razv. no.13:92-96
'63. (MIRA 17:4)

ACC NR: AR6019854

(N)

SOURCE CODE: UR/0398/66/000/001/AC08/A008

AUTHOR: Budnitskiy, Yu. A.

TITLE: Hovercraft. Questions concerned with the designing of small air cushion ships

SOURCE: Ref. zh. Vodnyy transport, Abs. 1A35

REF SOURCE: Sb. Katera i yakhty. Vyp. 4. L., Sudostroyeniye, 1965, 7-18

TOPIC TAGS: air cushion vehicle, hovercraft, shipbuilding engineering, parameter, nozzle design

ABSTRACT: Basic questions concerned with the design and building of small air cushion ships are reviewed. Practical coefficients obtained as a result of tests of Soviet and foreign experimental models, including an experimental air cushion cutter built by students in the Odessa Merchant Marine Engineers Institute, are cited. The fundamental theoretical considerations and the practical data needed to design air cushion ships of the chamber and nozzle type are reviewed. One of the basic problems confronting air cushion ship designers is the selection of the rational hovering height. Minimum hovering height, ensuring normal operation of small craft in good weather, should be 3 cm for small rivers and lakes, 5 cm for large rivers and lakes, and 8 to 10 cm for coastal seagoing travel. The shape and dimensions of the ship, its hull design, as well as questions concerned with stability, turning ability, and reduction in spray formation, are considered. Methods used to determine power for

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UDC: 629.124.9.039

ACC NR: AR6019854

creating the air cushion, as well as to select the engine, blower, and the nozzle installation parameters are cited. A list of design data for certain small air cushion vehicles, and examples of ship calculations are cited. 20 illustrations, 1 table. Bibliography of 3 titles. V. Sokolov. [Translation of abstract]

SUB CODE: 01,13

Card 2/2

2

15 870

11914
S/191/62/000/011/006/019
B101/B186

AUTHORS: Akutin, M. S., Korshak, V. V., Rodivilova, L. A.,
Vinogradova, S. V., Budnitskiy, Yu. M., Valetskiy, P. M.,
Lebedeva, A. S.

TITLE: New data on processing and properties of polyarylates

PERIODICAL: Plasticheskiye massy, no. 11, 1962, 20-26

TEXT: This paper deals with experiments for determining the optimum processing conditions of polyarylates from isophthalic acid and diene (ID), terephthalic acid and diene (TD), and the mixed polymer ITD (ratio iso- to terephthalic acid 1:1). Preliminary experiments showed that the interfacial polycondensation in more concentrated solutions than hitherto usual gave polymers with low molecular weight: thus 13.5% by weight of diene in NaOH solution + 15-20% by weight of isophthalic dichloride in methylene chloride yielded a polymer with MW ~18,000. A better result was obtained for ITD in the presence of 1% triethyl benzyl ammonium chloride as catalyst: the reduced viscosity in tricresol was 0.58. Injection-molded products were made from ID, TD, and ITD, and tested. Results:

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New data on processing and ...

(1) At 280-360°C, ID and TD can be processed only in inert gas atmosphere since thermal destruction occurs if air is present. ITD can still be processed at these temperatures in the presence of air. (2) The strength of products depends on the molecular weight (or on the reduced viscosity). Adequate tensile strength ($\sim 400 \text{ kg/cm}^2$) is attained above $\eta_{red} = 1.0$.

Products with a tensile strength of 850-900 kg/cm^2 were obtained from ITD with $\eta_{red} = 1.9-2.0$. (4) The tensile strength drops from 820 kg/cm^2 at 280°C to 480 kg/cm^2 at 340°C. (5) The effect of the molding time becomes manifest the tensile strength dropping from 850 kg/cm^2 after 10 min to 300 kg/cm^2 after 30 min molding time. (6) A change in molding pressure has no effect on the tensile strength. (7) Increasing the temperature of the mold from 80 to 160°C increases the tensile strength from 650 to 820 kg/cm^2 , but a further increase (to 200°C) reduces the tensile strength. (8) A study of the chemical stability of injection-molded specimens and films showed: good stability to mineral and organic acids, oxidants, and dilute alkalis; poor stability to concentrated alkalis, particularly ammonia; swelling in some solvents, injection-molded specimens being more stable than films. The chemical stability of polyarylates resembles that of polycarbonates, and is inferior to that of polyethylene terephthalate

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New data on processing and ...

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only as regards the swelling in some organic solvents. There are
8 figures and 6 tables.

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AKUTIN, M. S.; KORSHAK, V. V.; RODIVILOVA, L. A.; VINOGRADOVA, S. V.;
BUDNITSKIY, Yu. M.; VALETSKIY, P. M.; LEBEDEVA, A. S.; ~~Prinimali~~
~~uchastnye:~~ BONDAREVA, Ye. A., laborant; RESHETNIKOVA, L. M.,
laborant; KOVALEVA, T. G., laborant

New data on the processing and properties of polyarylates.
Plast. massy no.11:20-26 '62. (MIRA 16:1)

(Esters) (Condensation products(Chemistry))

L 35472-65 EWT(m)/EPF(c)/EPR/EWP(S)/T PC-A/Pr-A/PS-A WM/RM
ACCESSION NR: AP4046894 S/0191/64/000/010/0009/0013 39

AUTHOR: Rodivilova, L. A.; Akutin, M. S.; Budnitskiy, Yu. M.; Prosvirkina, V. P.;
Kaminskaya, I. P.

TITLE: The effect of fractional composition on the mechanical properties and processability of polyarylate D-3 and D-4

SOURCE: Plasticheskiye massy, no. 10, 1964, 9-13

TOPIC TAGS: polyarylate, polycondensation, polymer mechanical property, polymer processability, turbidimetry, fractional precipitation, molecular weight distribution, polymer film

ABSTRACT: The relationship between the mechanical properties of polyarylates and their molecular weight distribution was investigated on polyarylates D-3 and D-4. The polymers were synthesized by interphase polycondensation at a 0.1 M concentration of reagent and a reduced viscosity of 1.63 for D-3 and 1.12 for D-4. The polydispersity of the polyarylate was determined by fractional precipitation, using tetrachloroethane and acetone as a solvent-precipitant system. Turbidimetric titration was used for the analysis. The data of fractional precipitation are

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ACCESSION NR: AP4046894

tabulated and plotted. The differential curves show that the molecular weight distribution of polyarylates D-3 and D-4 fall in a rather narrow range and close to one another. The slightly higher polydispersity for polyarylate D-3 is due to the different conditions of synthesis, particularly the concentrations of the solutions of initial components. A concentration of 0.1 D-3 is the most useful. The physico-mechanical properties of the polymer films and molded products (bending and impact strength, Brinell hardness, Vicat heat stability) were then investigated. Tabulated and plotted data show that the maximum tensile strength of homogeneous fractions increases with increasing reduced viscosity up to a value of 1.4, remaining almost unchanged above this value. With increasing molecular weight, the relative elongation of the films also increases. For high-molecular polyarylates, the chain flexibility increases because there is forced elastic deformation in the polymer films and the role of elastic deformation decreases, leading to a decrease in the elasticity modulus from 8500 to 7000 kg/cm². The mechanical properties of polyarylate depend not only on the overall molecular weight, but also on the molecular weight distribution of the polymer. A decrease in the concentration of low-molecular fractions improves the mechanical properties. Since polyarylate D-4 has a lower polydispersity than D-3, its mechanical properties meet the requirements for making films. For molded samples, the

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ACCESSION NR: AP4046894

variation in mechanical properties with varying molding temperature, shape and molding time was also studied. The data, compared with those obtained for a polymer with a reduced viscosity of 1.97, show that the change in reduced viscosity does not affect the processing conditions for D-4. Orig. art. has: 6 tables and 9 figures.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: MT, 00

NO REF SOV: 004

OTHER: 003

Card 3/3

MILLEN, G.; MILLEN, Y.F.

Organoboron compounds. Part 60: Dialkyl boron amines and their
N-substituted derivatives. Dokl. Akad. Nauk SSSR 257:182
1981. (Chem. Abstr. 104:122)

(Boron compounds)

BUDNOVA, G.

USSR/Human and Animal Physiology - Digestion.

V-7

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4079

Author : Z. Rakhman, G. Budnova

Inst : Kursk Medical Institute

Title : Observations of Patients Operated In the Past for a Gastro-Duodenal Ulcer.

Orig Pub : Sb. tr. Kursk. med. in-t, 1956, issue 11, 270-273

Abstract : Three to nine years after a partial gastric resection (3/5 to 2/3), for a gastro-duodenal ulcer, most of the patients (from the 36 who had been operated) did not have any complaints, and the gastric secretion in both phases was decreased. Gastric resection by the method of Gofmeyster-Finstcrer and that by the method of Finstcrer gave good results.

Card 1/1

Jablonska, Stefania

JABLONSKA, Stefania; LUKASIAK, Bozena; BUDNOW, Bodgan

Raynaud's syndrome and scleroderma. I. Scleroderma-like changes in Raynaud's syndrome and their differentiation from scleroderma. Polski tygod. lek. 12 no.39:1481-1486 Sept 57.

1. Z Klinik Dermatologicznej A. M. w Warszawie Kierownik: prof. dr S. Jablonska. Adres: Warszawa, ul. Koszykowa 82a, Klinika Dermatologiczna A. M.

(SCLERODERMA, differentiation diagnosis,
Raynaud's synd. with scleroderma-like changes (Pol))
(RAYNAUD DISEASE, differenational diagnosis,
scleroderma-like changes from scleroderma (Pol))

RUTKOWSKI, Antoni, prof. dr; BUDNY, Janusz, mgr

Determination of available lysine in animal protein products by
using 1-chloro-2,4-dinitrobenzene. Chem anal 9 no.2:255-260
'64.

1. School of Agriculture, Olsztyn.

BUDNY, Jerzy; KOZLOWSKI, Jan; KRYST, Leszek

Use of hypotension in the treatment of periodontal disease. Polski tygod. lek. 16 no.22:833-836 29 My '61.

1. Z Kliniki Stomatologii Zachowawczej A.M. w Warszawie; kierownik: prof. dr J. Krzywicki.

(PERIODONTAL DISEASE ther) (HYPOTENSION, CONTROLLED)

BUDNY, Jerzy; KOZŁOWSKI, Jan; KRYSZ, Leszek

Holoferm G 90 in the treatment of periodontopathies. Czas.
stomat. 18 no.3:325-331 Mr '65.

1. Z Kliniki Stomatologii Zachowawczej Akademii Medycznej
w Warszawie (Kierownik: prof. dr. J. Krzywicki).

BUDNY, Stanislaw, inz.

Lighting shopwindows. Wiad elektrotechn 30 no.8:261-263
Ag '62.

BUDNY, Stanislaw

Lighting city shops. Wiad elektrotechn 33 no.10:287-
292 0 '64.

URBANSKI, Henryk, inż.; BUDNY, Tadeusz, inż.

Induction hardening of drill chucks. Przegl elektrotech
38 no.10:446-448 0 '62.

1. Zakład Elektrotermii, Instytut Elektrotechniki,
Warszawa.

BUDNY, T.

Salvaging damaged potentiometers. p. 29.

RADIOMATOR (Publication for amateur radio operators. Title varies: before 1954,
Radio amator. Monthly) Warszawa, Poland.
Vol.9, no.8, Aug. 1959.

Monthly list of East European Accessions (EEAI) LC, Vol.9, no.1, Jan. 1959.

Uncl.

PETRENKO, A.I., kand.tekhn.nauk; ABAKUMOV, V.G.; BUDNYAK, A.A.

Generator of complex-shape pulses. Avtom.i prib. no.4:41-43
O-D '62. (MIRA 16:1)

1. Kiyevskiy politekhnicheskoy institut.
(Pulse techniques (Electronics))

ZHDANOV, Yu.A.; SHELEPIN, O.Ye.; BAGDASAROV, K.N.; BUDNYATSKAYA, N.I.

Study of the indicator properties of 2-oxy-peri-naphthindenone.
Dokl. AN SSSR 153 no.5:1073-1076 D '63. (MIRA 17:1)

1. Rostovskiy-na-Donu gosudarstvennyy universitet. Predstavleno akademikom A.P. Vinogradovym.

L 38799-66 EWT(1) GD

ACC NR: AT6008570

SOURCE CODE: UR/0000/65/000/000/0200/0203

AUTHOR: Budnyak, A. A.; Petrenko, A. I.

ORG: none

TITLE: Methods of describing functions of two variables in cathode-ray tube machines

SOURCE: AN SSSR. Institut nauchnoy informatsii. Chitayushchiye ustroystva (Reading devices). Moscow, VINITI, 1965, 200-203

TOPIC TAGS: function generator, cathode ray tube, digital computer, analog computer

ABSTRACT: A description is given of A. Sinker's analog function generator (*Electronics*, 1956, 29, No. 10, 178), a major defect of which is the impossibility of obtaining the value of a function in the basence of an initial conditions input. A method is described which avoids this weakness and doubles the speed of operation of Sinker's machine. In the given system, a function is represented in binary code on a photo-optical mask. A further advantage of the system described is that inputs and outputs are universal (analog and digital). In addition, coordinates may be changed arbitrarily. Orig. art. has: 5 figures.

SUB CODE: 09/

SUBM DATE: 09Sep65/

OTH REF: 004

Card 1/1

BUDNYATSKIY, D.M.

~~New trends in power machine construction.~~ Energomashinostroenie 5 no.2:
46-48 F '59. (MIRA 12:3)

(Power engineering)

GEL'TMAN, A.E., kand. tekhn. nauk; TSUKERMAN, P.V., kand. tekhn. nauk;
SHLYAKHOVA, G.V., kand. tekhn. nauk; BUDNYATSKIY, D.M., inzh.

Selecting a rational vacuum for high-capacity condensation
turbines. Elek. sta. 30 no.3:40-45 Mr '59. (MIRA 12:5)
(Steam turbines)

BUDNYATSKIY, D.M., inzh.; APATOVSKIY, L.Ye., inzh.; BRLOVA, N.V., inzh.

News in power machinery manufacture. ~~Energomashinostroenie~~
6 no.3:46 Mr '60. (MIRA 13:6)
(Power engineering--Equipment and supplies)

GEL'TMAN, A. E., kand.tekhn.nauk; BUDNYATSKIY, D.M., inzh.

Selecting the feed pump drive of unit for supercritical steam pressures. *Energomashinostroenie* 6 no.6:9-13 Je '60.

(MIRA 13:8)

(Electric driving)

(Steam turbines)

APATOVSKIY, L.Ye., inzh.; BUDNYATSKIY, D.M., inzh.; GOLOVANOV, N.V., inzh.

New developments in power machinery construction. Energomashino-
stroenie 6 no.8:46-47 Ag '66. (MIRA 14:9)

(Power engineering)

BULANOV, N.G.; KUPRIYANOVA, L.V.; TSUKERMAN, R.V.; BUDNYATSKIY,
D.M.; GEL'TMAN, A.E.; KOSTOVETSKIY, D.L.; PISKAREV, A.A.;
TARANIN, A.I.; KORNEYEV, M.I.; MOISEYEV, G.I.; KENDYS'
P.N.; KIRPICHEV, Ye.F.; RUBIN, M.M.; SOKOLOV, N.V.;
SHCHERBAKOV, V.A.; KOVALEV, N.N.; BELOV, A.A.; SEREBRYAKOV,
G.M.; SATANOVSKIY, A.Ye., red.; RODDATIS, K.F., red ;
KORKHOVA, V.I., red.; CHEREPENNIKOV, B.A., red.; KOGAN,
F.L., tekhn. red.

[Manufacture of power machinery abroad] Energeticheskoe ma-
shinostroenie za rubezhom. Moskva, 1961. 583 p.

(MIRA 16:8)

1. Moscow. Tsentral'nyy institut nauchno-tekhnicheskoy in-
formatsii mashinostroyeniya.

(Electric power plants--Equipment and supplies)

APATOVSKIY, L. Ye., inzh.; BUDNYATSKIY, D.M., inzh. NOVICHKOV, Yu.I.,
inzh.

News in power machinery construction abroad. Energomashinostroenie
7 no.4:46-47 Ap '61. (MIRA 14:7)
(Turbogenerators) (Turbines)

GEL'TMAN, A.E., kand.tekhn.nauk; BUDNYATSKIY, D.M., inzh.

Selecting the efficient individual capacity and the number of
shafts for condenser turbomachine units. Energomashinostroenie 7
no.10:13-19 0 '61. (MIRA 14:10)

(Turbomachinery)

GEL'TMAN, A.E., kand.tekhn.nauk; BUDNYATSKIY, D.M., inzh.

Letter to the editor. Teploenergetika 8 no.8:72-73 Ag '61.

(MIRA 14:10)

(Turbogenerators)

(Electric power plants--Equipment and supplies)

GEL'TMAN, A.E., kand.tekhn.nauk; ~~BUDNYATSKIY~~, D.M., inzh.; RADYUSH, V.P., inzh.

Choice of an expedient power limit of single-shaft turbogenerators.
Elek. sta. 34 no.1:21-25 Ja '63. (MIRA 16:2)
(Turbogenerators)

GEL'TMAN, A.E., kand. tekhn. nauk; BUDNYATSKIY, D.M., inzh.

Pressure in cindensers, characteristics of low pressure parts and
condensation systems of foreign turbines. Energomashinostroenie
7 no.3:46-48:Pr '61. (MIRA 16:8)

(Condensers (Steam)) (Steam turbines)

GEL'TMAN, A.E., kand.tekhn.nauk; POLYAK, A.B., inzh.; BUDNYATSKIY, D.M.,
inzh.; APATOVSKIY, L.Ye., inzh.

Choice of optimum steam parameters of large condensing blocks.
Teploenergetika 11 no. 1:15-22 Ja '64. (MIRA 17:5)

1. Tsentral'nyy kotloturbinnyy institut.

BUDNYATSKIY, D.M., kand. tekhn. nauk

Choice of standardized condensers for large condensing turbines.
Teploenergetika 11 no.10:40-47 O '64. (MIRA 18:3)

1. Tsentral'nyy kotloturbinnyy institut.

GEL'TMAN, Aleksey Eduardovich; BUDNYATSKIY, David Moisey vich;
APATOVSKIY, Lev Yefimovich. Printsipi uchastiye:
MOISEYEVA, L.N. RADYUSH, V.P.; PISKAREV, A.A.; POLYAK,
A.B.; MIKHALEV, N.N., red. [deceased]

[Large block-type condensing electric power plants;
parameters and heat networks] Blochnye kondensatsionnye
elektrostantsii bol'shoi moshchnosti; parametry i tep-
lovye skhemy. Moskva, Energiia, 1964. 404 p.
(MIRA 18:1)

S/146/61/004/006/011/020
D235/D301

13.2521
AUTHORS:

Budnyatskiy, I. M. and Lunts, Ya. L.

TITLE:

On the motion of a gyroscope situated on a vibrating platform whose rotor is not accurately fixed on its shaft

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Priborostro-
yeniye, v. 4, no. 6, 1961, 78-86

TEXT: It is supposed that the center of gravity of the rotor, the external and the internal frame are situated in the center of the Cardan suspension and there is no friction in the bearings. The angle which determines the inaccuracy of the position of the rotor on its shaft is considered as a small quantity. The authors deduce the equations of motion and determine successively the correction terms of the first and second order in the solution; from the latter a formula for the deviation of the axis of the gyroscope with respect to the angle φ is obtained which is stated to be different from that obtained by D. M. Klimov (Ref. 5: 0 dvizhenii giroskopa

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Card 1/2

L 42475-65 EEO-2/EWT(d)/FSS-2/EEC(k)-2/ENG(v)/EED-2/EWA(c) Pn-4/Po-4/Pe-5/
Pq-4/Pg-4/Pk-4/Pl-4 BC
ACCESSION NR: AP5006645

S/0146/65/008/001/0128/0134

AUTHOR: Budnyatskiy, I. M.; Lunts, Ya. L.

TITLE: Wandering of a dynamically unbalanced gyroscope mounted on a vibrating base

58
59
B

SOURCE: IVUZ. Priborostroyeniye, v. 8, no. 1, 1965, 128-134

TOPIC TAGS: gyro, gyroscope, gyro wander

ABSTRACT: The motion of a two-gimbal gyroscope mounted on a vibrating base is theoretically considered; the rotor is assumed to have a small dynamic unbalance; the gyro case, an essential dynamic unbalance. Other assumptions are: the centers of gravity of the rotor and frames coincide with the center of the gimbal and no friction exists in the rotor and frame bearings. Equations describing the gyro motion are set up, solved, and formulas suitable for calculating systematic gyro wandering are developed. Orig art. has: 3 figures and 23 formulas.

Card 1/2

L 42475-65

ACCESSION NR: AP5006645

ASSOCIATION: Leningradskaya voyennaya inzhenernaya Krasnoznamennaya
akademiya im. A. F. Mozhayskogo (Leningrad Military Engineering Academy)

SUBMITTED: 11 Dec 63

ENCL: 00

SUB CODE: NG

NO REF SOV: 001

OTHER: 001

ll
Card 2/2

BUDNYATSKIY, N.M., assistant

Study of the vibration of damped wires of high-voltage overhead
power transmission lines. Izv. LETI 57 no.39:223-249 '59.
(MIRA 15:10)

(Electric lines--Overhead)
(Electric power distribution--High tension)

BUDNYATSKIY, N. M., assistant

Contribution to the theory on the damping of electric lines.
Izv. LETI 59 no.46:265-271 '62. (MIRA 15:10)

(Electric lines--Overhead)

BUDNYATSKIY, N. M.

Cand Tech Sci - (diss) "Study of vibration of damped wires of high-voltage open-air electric transmission lines." Leningrad, 1961. 16 pp; (Ministry of Higher and Specialist Secondary Education RSFSR, Leningrad Electrical Engineering Inst imeni V. I. Ul'yanov (Lenin)); 200 copies; price not given; (KL, 5-61 sup, 187)

BUDNYATSKIY, N.M. assistant

Some results of the calculation of the vibration of damped high-voltage overhead power transmission lines. Izv. LETI no.45: 190-193 '61. (MIRA 16:5)

(Electric lines--Overhead)

1. BUDNYI, A. V.; PALAMAR', N. N.
2. USSR (600)
4. Sugar Industry
7. Optimal arrangement for processing sugar beet root tips, Sakh. prom., 27, No. 5, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

BUDNYI, A. V.

VOSTOKOV, Aleksey Izmaylovich; BUDNYI, Anatoliy Vladimirovich; LEPESHKIN, Ivan Pavlovich; KHMEL'NITSKAYA, A.Z., redaktor; GOTLIB, E.M., tekhnicheskii redaktor

[Computing the technical capacity of a beet-sugar mill's equipment]
Raschet tekhnicheskoi moshchnosti oborudovaniia sveklosakharnykh zavodov. Moskva, Pishchepromizdat, 1955. 406 p. (MLRA 9:1)
(Sugar machinery)

BUDNYY, A.V.

~~_____~~
Better planning and building and faster opening of new sugar
factories. Sakh. prom. 31 no.5:5-8 My '57. (MIRA 10:6)

1. Gosudarstvennyy institut po proyektirovaniyu novogo stroitel'-
stva i rekonstruktsii predpriyatiy sakharnoy promyshlennosti.
(Sugar industry)

BUDNYI A.V.

USSR/Chemical Technology - Chemical Products and Their
Application. Carbohydrates and Refinement.

I-11

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2774

Author : Budnyy, A.V.

Inst : Scientific and Technical Society of Food Manufacturers

Title : At the Conference of the Scientific and Technical Society
of Food Manufacturers in Warsaw.

Orig Pub : Sakharnaya prom-st', 1957, No 5, 72-74

Abstract : Brief summary of the two papers presented at the Section
of Sugar Production: "Most Up-to-Date Technology and
Equipment of the Sugar Industry" by A. Zhelyazny, and
"Economic Effectiveness of Intensification of Technologi-
cal Processes in Sugar Production" by M. Kokel. Perfor-
mance indices are given for the diffusion apparatus of
A. Ol'ye, which has been installed in 1956.

Card 1/1

Budnyy, A. V.

AUTHOR: Budnyy, A.V., Engineer

118-58-3-2/21

TITLE: The Mechanization of Labor Consuming Work in Sugar-Refineries (Mekhanizatsiya trudoyemkikh rabot na sakharnykh zavodakh)

PERIODICAL: Mekhanizatsiya Trudoyemkikh i Tyazhelykh Rabot, 1958, # 3, pp 6-10 (USSR)

ABSTRACT: In 1956, the sugar refineries used the following equipment in the transportation, loading, unloading and storage of sugar beets: 1,600 tractor shovels, more than 50 grab cranes, from 40 to 50 machines for the unloading of trucks and for the storage of sugar beets in clamps, 40 gantry cranes, more than 350 km of hydraulic transportation appliances for the conveying of sugar beets, etc.

Three methods are applied in the mechanized unloading, cleaning and stacking up of sugar beets: 1) use of so-called unloading and clamping machine; 2) use of the conveyor system; 3) where only the unloading of beets is mechanized.

New equipment for the transportation, loading and unloading of sugar beets is mentioned, as well as a new method for the preservation of the sugar beets.

Card 1/2

118-58-3-2/21

The Mechanization of Labor Consuming Work in Sugar-Refineries

Mechanization in sugar-refineries is increasing.
There are 2 photographs, 2 graphs, and 2 tables.

AVAILABLE: Library of Congress

Card 2/2

BUDNY, A.V.

In Nepal and India. Sakh.prom. 34 no.2:68-72 F '60.
(MIRA 13:5)

1. Giprosakhar.
(Nepal--Sugar cane) (India--Sugar cane)

BUDNYI, A.V.; SHAPIRO, A.I.

New standard design of a sugar factory. Sakh.prom. 34 no.1:
49-51 Ja '60. (MIRA 13:5)
(Sugar industry)

BUDNYI, A.Y.

Improving the quality and lowering the costs of the construction
of sugar factories. Sakh.prom. 34 no.7:1-5 J1 '60. (MIRA 13:7)

1. Giprosakhar.

(Sugar industry)

ZOTOV, V.P.; SILUYANOV, V.G.; GUGINA, Ye.F.; AUERMAN, L.Ya.; ALEKHINA, M.S.;
BEZZUBOV, A.D.; BODROV, V.A.; BUDNYI, A.V.; BURTSEV, Ye.L.;
VAYNSHTEYN, V.O.; GAVRILOV, A.N.; GORBATOV, V.M.; GRITSENKO, N.N.;
DOLGUSHEVA, L.I.; YEDYGENOV, K.Ye.; ZHURAVLEVA, S.S.; ZACHESKIN,
Ya.A.; IVKIN, A.P.; IZOTOV, A.K.; IL'INSKIY, N.A.; IRINARKHOVA,
A.M.; KARPENKO, A.K.; LYSOGOR, P.M.; LUPISH, A.T.; OLEYNIKOV, V.V.;
ORANZHEREYEVA, V.F.; PETROV, N.A.; PYATIBRATOV, M.A.; ROMANOV,
A.N.; RAUBE, P.V.; RYZHENKO, L.P.; SEMYKIN, A.A.; SHEFER, A.P.

G.IA.Ivanov; obituary. NTO 4 no.10:39 O '62. (MIRA 15:9)
(Ivanov, Georgii IAKovlevich, 1897-1962)

BUDNYI, A.V., inzh.

Food industry. Mekh. i avtom. proizv. 17 no.6:12-17 Je '63.
(MIRA 16:7)

(Food industry--Equipment and supplies)
(Materials handling)

BUDNYI, A.V.

Seminar on the "Ways to increase labor productivity in the sugar industry." Sakh.prom. 37 no.11:43-49 N '63. (MIRA 16:11)

VOSTOKOV, Aleksey Izmailovich; LEFESHKIN, Ivan Pavlovich;
BUDHYY, Anatoliy Vladimirovich; VOYKOVA, A.A., red.

[Calculating the technological capacity of the equipment
and structures of sugar beet plants] Raschet tekhnolog-
skoi moshchnosti oborudovaniia i sooruzhenii sveklocepliar-
nykh zavodov. Izd.2., perer. i dop. Moskva, Pishchevaia
promyshlennost', 1965. 515 p. (MIRA 18:3)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1ST AND 2ND ORDERS PROCESSES AND PROPERTIES INDEX

ca

3

Triplet molecular terms and the intensity of triplet bands. *Annalen. Phys. Math. naturw. Aus. ungar. Akad. Wiss.* 54, 387-408 (1926).— The energy values of triplet terms of a diatomic mol. are given in an explicit form by a perturbation calcn. A formula is published by which the so-called "real" rotation const. can be obtained. The practical application of the theory is shown in tables for the triplet terms of TiO, N₂, CO, C₂, PH, AlH and NH. Theoretical values agree well with exper. data. The Ω -term of AlH is normal, that of NH, however, inverted. Also the transition possibilities and intensity distributions of band lines can be calcd. theoretically for S. S. de F.

ASB-11A METALLURGICAL LITERATURE CLASSIFICATION

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

3

PROCESSES AND PROPERTIES INDEX

ct

The fine structure of Σ states of diatomic molecules
 A. Huby and I. Kovács. *Hung. Akad. Phys.* 1, No. 3,
 7 (1948). Theoretical investigation of the influence of
 the spin-orbit coupling on the multiplet structure of Σ states
 showed that this coupling gives for the four energy levels
 expressions of the same form, which originate from two
 other causes usually accepted, namely of spin-spin inter-
 action and of coupling between the angular momentum Λ
 and the total spin S of the mol. The multiplet structure
 of Σ states of diat. mols. can partly be ascribed to the
 spin-spin interaction of the uncompensated electrons and
 partly to the cosine coupling between the former-mentioned
 factors. Istvan Finály

METALLURGICAL LITERATURE CLASSIFICATION

METALLURGY

GROUPS

ELEMENTS

SUBJECTS

CLASSIFICATION

1ST AND 2ND ORDERS PROCESSES AND PROPERTIES INDEX

537.226

SA 152
M

4786. On Kramig's theory of relaxation and its application to the case of polar liquids. BUDÓ, A. *Hungar. Acta Phys.*, 1 (No. 3) 16-24 (1948) In English.
 —This theory is applied to the study of the conditions under which there is more than one relaxation time, and found to lead to the correct formulae for the dielectric relaxation in polar liquids. L. P.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

SEARCHED	INDEXED	SERIALIZED	FILED

MAY 1950

CA

The theory of molecule terms and their Zeeman splitting in intermediate coupling. I. Kovacs and A. Budó. *Hung. Acta Phys.* 1, No. 4, 1-18 (1949). The term values of d -complexes in diatomic moles. (which belong to the intermediate linkage case of Hund $b' - d'$) were expressed by a special method through explicit formulas. These gave satisfactory approx. data for all values of linkage parameters and rotation quantum nos. Explicit expressions are also given for the distribution of intensities in band branches and for Zeeman splittings of terms. The theoretical results obtained were applied to the $4d$ term complexes of He₂ moles in 5 figures. The results obtained were identical

with those published by Knapp and Mills, *ibid.* 1, 26, 376 (1949).

CA

J

Perturbations in band spectra. A. Budo and I. Kovacs
Tech. Univ., Budapest). *Acta Phys. Acad. Sci. Hung. 1,*
84 90(1951).- Expressions are derived theoretically for
evaluating the perturbations in the rotational levels of
diatomic mole. Perturbations between terms of different
multiplicities, in contrast to those between terms of the
same multiplicity, can be detd. only by taking into consid-
eration the orbit-spin interaction. In particular, formulas
are derived for the hitherto-not-investigated transitions
 $^2\Pi - ^2\Pi^*$, $^2\Pi - ^2\Pi^*$, $^2\Pi - ^2\Pi$, and $^2\Pi - ^2\Sigma$. C. C. Kiess

HUNG

The $^1\Pi$ state of the O_2^+ molecule. A. Bunó and I. Kovács (Ungar. Akad. Wiss., Budapest). *Publ. Acad. Sci. Hung.* 4, 273-90 (1965) (in German); cf. *U.S.A.* 49, 10055b. The observed multiplet splitting of the $^1\Pi$ state of the O_2^+ mol. which, as a function of rotation quantum no., deviates from the vanVleck theory, can be explained as a perturbation of the $^1\Pi$ state by two $^1\Pi$ states. The theory of this perturbation permits prediction of the approximate position of a heretofore unobserved $^1\Pi$ term. W. F. M.

5000, A.

7

HUNG On the π state of the O_2^+ molecule. A. Dudó and I. Kovács (Central Research Inst. Phys., Budapest). *J. Chem. Phys.* 23, 751-2 (1955).—The deviations in the distances between the components of the π term as compared with the values expected from Brandt's formulas (*C.A.* 31, 2095) were derived from the interaction with the π terms.
Henry Leidheiser, Jr.

AA

Budo A.

HUKCAFY/Optics - Luminescence

X-6

Abs Jour : Ref Zhur - Fizika, No 6, 1958, No 14238

Author : Budo A., Dombi J., Szollosy L.
Inst : The University, Szeged, Hungary
Title : Determination of the Absolute Quantum Yield of Fluorescent Solutions.

Orig Pub : Acta phys. et chem. Szeged, 1956, 2, No 1-4, 18-27

Abstract : The authors have investigated theoretically and experimentally the problem of the influence of secondary fluorescence on the determination of the absolute quantum yield of luminescence. A method is developed for calculating the true quantum yield with allowance for the secondary glow. Measurements of the concentration extinction of fluorescein in an aqueous alkaline solution, made on the basis of this method, have shown that the values of the quantum yields, obtained without accounting for the secondary fluorescence, are considerably greater than the true ones (may even exceed unity).

Card : 1/1

A. B. De

Distr: LE3d

21

✓ The spectral influence of secondary fluorescence. A. Budo, J. Dombi, and R. Horvai (Univ. Szeged, Hung.). *Acta Univ. Szegediensis, Acta Phys. et Chem. (N.S.)* 3 3-16 (1957) (in German).—The differences, which arise solely due to the observational method in the case of primary fluorescence spectra, are nonexistent in the case of the quant. research including the effect of the secondary fluorescence spectra (at least for fluorescein solns.). Measurements were made for (1) longitudinal measurement on the middle of the front plane, (2) the same on the back plane, and (3) transverse measurements, each at 438 and 490 m μ . The max. divergence of the direct measured quantum spectra for $\lambda = 520-600$ m μ was in the range 11-530%; for that only concerned with the reabsorption cor. spectra the max. divergence was 1.9-25%; and for that also cor. for the secondary fluorescence only 1.4-5.0%, i.e., the last divergence lies within the probable error ($\pm 3\%$) of the method. By varying the concn. and the layer thickness, the agreement was less good, but in all cases it was better than when just the influence of the reabsorption was considered. The mathematics for calcg. the different cases is included.

Marian C. Neumann

5
1

K-6

BUDÓ, A.

HUNGARY/Optics - Luminescence

Abs Jour : Ref Zhur - Fizika, No 6, 1958, No 14231

Author : Rudó A., Ketskemeti I.
Inst : The University, Szeged, Hungary
Title : On the Influence of Secondary Fluorescence on the Radiation Spectra of Fluorescent Solutions.

Orig Pub : Acta phys. Acad. sci hung., 1957, 7, No 2, 207-223

Abstract : On the basis of the phenomenological theory, the authors have investigated the influence of secondary fluorescence, due to reabsorption, on the spectral distribution of the radiation from fluorescent solutions. This influence can be characterized with the aid of a function that depends on the wavelength, a function which must be multiplied by the distribution function after introducing corrections for reabsorption, in order to obtain the true spectrum. The relations obtained were checked in experiments with a solution of fluorescein. The spectra obtained at various thickness of the layer, taking account of reabsorption only, give considerable

Card : 1/2

37

HUNGARY/Physical Chemistry. Molecule. Chemical Bond.

B

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 72969.

Author : A. Budo, I. Ketskemety, E. Salkovits, L. Gargya.

Inst : Academy of Sciences of Hungary.

Title : Upon the Determination of the True Polarization Degree of the Fluorescence of Solutions.

Orig Pub: Acta phys. Acad. sci. hung., 1957, 8, No 1-2, 181-193.

Abstract: The relation between the true and the measured polarization degree of the fluorescence of an optically inactive and isotrope solution was computed taking into consideration the depolarizing action of the secondary fluorescence. The computation was carried out for a cylindrical vessel and the excitation with a bundle of

Card : 1/2

HUNGARY/Physical Chemistry. Molecule. Chemical Bond.

B

Abs Jour: Ref Zhur-Khimiya, No 22, 1958, 72969.

monochromatic light of circular cross-section.
The derived relation agrees very well with the
results of the author's photoelectric measure-
ments in fluorescein solution in glycerin.

Card : 2/2

HUNGARY/Optics - Luminescence

K

Abs Jour : Ref Zhur Fizika, No 1, 1960, 2087
Author : Budo, A., Ketskemety, I.
Inst : The University, Szeged, Hungary
Title : Remarks on the Problem of Polarization of Fluorescence
Orig Pub : Acta phys. et chem. Szeged, 1958, 4, No 3-4, 86-89
Abstract : The shortcomings of empirical methods of calculating the depolarization action of secondary fluorescence are noted. The author recommend computational method previously developed for the determination of the "true" degree of polarization, not distorted by reabsorption and secondary glow.
(Referat Zhur Fizika, No 3, 1959, 6750). -- P. Feofilov

Card 1/1

BODO

(1)

SURNAME, Given Names

Country: Hungary

Academic Degrees: Academician

Affiliation: Institute for Experimental Physics, Technical University of
Budapest (Magyar Tudományegyetem Kísérleti Fizikai Intézet)

Source: Budapest, Magyar Fizikai Folyóirat, Vol 9, No 4, 1961, pp269-282

Data: "Investigations in Molecular Luminescence"

180

GPO 981643

BUDQ, Agoston, akadémikus (Szeged)

Investigations in the field of molecular luminescence. Magy fiz
folyoir 9 no.4:269-282 '61.

1. Szegedi Tudományegyetem, Kísérleti Fizikai Intézet.

BUDO, A.: KETSKEMETY, I.

Energy transport phenomena in case of molecular fluorescence.
Acta phys Hung 14 no.2 3:167-176 '62.

1. Institut für Experimentalphysik der Universität, Szeged.

BUDO, A.; KETSKEMETY, I.

On the quantum yield of fluorescent solutions. Acta physica
Pol 26 no.3/4:385-391 S-0 '64.

1. Institute of Experimental Physics, Jozsef Attila University,
Szeged, Hungary.

L-21094-65 EWI(1)/EWT(m)/EWP(j)/EEC(b)-2
ESD(c)/ESD(gs)/ESD(t)/IJP(c) RM

Pc-4

ACCESSION NR: AP5001285

P/0045/64/026/03-/0385/0391

AUTHORS: Budo, A.; Ketskemety, I.

(H)

B

TITLE: On the quantum yield of fluorescent solutions

SOURCE: Acta physica polonica, v. 26, no. 3-4, 1964, 385-391

TOPIC TAGS: fluorescence, quantum yield, frequency dependence, organic dye

ABSTRACT: The authors present a short account of their investigations of the dependence of the yield on the wavelength, obtained by an improved method lately developed at the Institute of Experimental Physics of the University of Szeged, Hungary (J. Chem. Phys. USA, v. 25, 595, 1956; Acta Phys. Hungar. v. 7, 207, 1957). The authors have checked experimentally on the validity of the Stepanov relation for the dependence of the fluorescence yield on the exciting frequency (B. I. Stepanov, DAN SSSR v. 112, 839, 1957; Izv. AN SSSR ser.

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L 21094-65

ACCESSION NR: AP5001285

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fiz. v. 22, 1367, 1958), taking careful account of the influence of secondary fluorescence. The yield curves were determined for aluminum in $C_2H_5OH + 2\% CH_3COOH (C_M = 10^{-3} \text{ mol/l, fluorescein in } H_2O + 3\% NaOH (10^{-3} \text{ mol/l), rhodulin orange in } C_2H_5OH + 5 \times 10^{-3} \text{ mol/l HCl } (10^{-3} \text{ mol/l), and tryptaflavine in } C_2H_5OH + 3 \times 10^{-3} \text{ mol/l HCl } (10^{-4} \text{ mol/l). The results show that a modification of Stepanov's relation gives a satisfactory description of the frequency dependence of the quantum yield, especially of the drop in the anti-Stokes region. The frequency dependence of the upper limit of the yield was also studied from the thermodynamical point of view and it is shown that the anti-Stokes drop in yield can be interpreted on the basis of the entropy principle. Orig. art. has: 3 figures and 6 formulas.$

ASSOCIATION: Institute of Experimental Physics, Jozsef Attila University of Szeged, Hungary

Card 2/3

L 21094-65

ACCESSION NR: AP50001285

SUBMITTED: 00

ENCL: 00

SUB CODE: OP

NR REF SOV: 006

OTHER: 004

Card 3/3

ISAYEV, V.Ya.; VAKSMAN, V.Ye.[deceased]; IVANOV, A.K.; BUDO, A.S.;
FAKTOROVICH, Yu.A., kand. tekhn. nauk, nauchnyy red.;
GERASIMOVA, G.S., red. izd-va; BOROVNEV, N.K., tekhn. red.

[Consolidation and specialization in the building organizations of the Main Leningrad Construction Trust; practices and economic effectiveness] Ukruplenie i spetsializatsiia stroitel'nykh organizatsii v Glavleningradstroe; opyt i ekonomicheskaiia effektivnosti. Moskva, Gos. izd-vo lit-ry po stroit., arkh. i stroit. materialam, 1960. 74 p.

(MIRA 15:2)

(Construction industry)

BUDO, B.S. (Leningrad)

Development of conditioned vestibular reflexes and of nystagmus,
in particular [with summary in English]. Vest.oto-rin. 21 no.1:
79-83 Ja-F '59 (MIRA 12:1)

1. Iz kliniki bolezney ucha, gorla i nosa imeni prof. V.I. Voyacheka
(nach. - zasluzhennyy deyatel' nauki prof. K.L. Khilov).
(NYSTAGMUS)

Будко, И. С.

Dissertation: "Wetlands of the Angara River Basin." Dr. Biol Sci, Inst
of Botany named V. L. Komarov, Acad Sci USSR, Moscow, Oct-Nov 54.
(Vestnik Akademii Nauk, Moscow, Jun 54)(Source gives brief **summary** in work.)

SO: SUW 318, 23 Dec 1954

BUDO, T.I.

AID P - 368

Subject : USSR/Engineering
Card : 1/1
Author : Budo, T. I., Engineer
Title : Application of painters' glue as a retarding agent in hardening of plastering solution
Periodical : Sbor. mat. o nov. tekhn. v stroi., 5, 23, 1954
Abstract : Trust #75 of the Ministry of Building Construction suggests adding 0.2% of fluid painter's glue to a solution for plastering work in order to retard the speed of hardening. The formula for the plastering solution is given.
Institution : None
Submitted : No date

BUDOGOVSKIY, D.

PA 195176

USSR/Radio - Television

Jul 51

"A Television Projection Receiver," D. Budogovskiy

"Radio" No 7, pp 31-34

The portable projection receiver TB-6 was awarded a 2d prize in the television section of the 9th All-Union Radio Exhibition. Up to 70 - 80 televiewers can be served by use of the LK-100 projection tube and 315 x 440-mm screen. Focusing, contrast, definition and synchronization were satisfactory in tests at the Leningrad Radio Club.

195176

BUDOHOSKA, Wanda (Warszawa)

Analysis of mistakes occurring as affected by retroactive and proactive inhibitions. Studia psychol 5:195-205 '63.

BUDOI, Gh., ing. (Bucuresti)

Deep plowing. Natura Biologie 14 no.5:49-55 S-0 '62.

BUDOI, Gh., candidat in stiintele agricole (Bucuresti)

Present problems in the use of fertilizers. Natura Biologie 16
no.5:46-52 S-0 '64.

BUDOIU, Ioan

Care concerning the future transformation of the Rumanian working class. Munca sindic 6 no.12:47-49 D '62.

1. Presedinte al comitetului sindical de sectie Grupul scolar de pe langa uzinele "23 August", Bucuresti.

BUDOHOSKA, Wanda (Warszawa)

Trend of associations between known native words and their
foreign equivalents depending on the way of teaching. Przegł
psychol no. 6:140-149 '63.

AGRICULTURE

RUMANIA

BUDOL, Gh., Dr, STEFANESCU, A., Eng, and OLTEANU, A., Eng, Bucharest [affiliation not given]

"Valuable Fodder Cultures."

Bucharest, Natura. Seria Biologie, Vol 18, No 2, Mar-Apr 66, pp 32-37.

Abstract: The authors discuss the biological properties of fodder crops and the current development of agricultural science in theory and practice with regard to increasing fodder production. The crops discussed are leguminous fodders, lucerne, red clover, coxhead, soya, fodder grains, corn, sorghum and mixed fodder cultivations.

Includes 3 figures.

1/1

KUPERMAN, P.I.; GRYAZNOV, N.S.; MOCHALOV, V.V.; FROLOV, V.V.; MUSTAFIN, F.A.;
PUSHKASH, I.I.; SLAVGORODSKIY, M.V.; LAZAREV, B.L.; BORISOV, V.I.;
Prinimali uchastiye: CHERKASOV, N.Kh.; ZABRODSKIY, M.P.; RYTCHENKO,
A.I.; RUTKOVSKAYA, Ye.N.; SAITBURGANOVA, N.I.; SHTAGER, A.A.;
SHISHLOVA, T.I.; BUDOL', Z.P.; MEN'SHIKOVA, R.I.; GORELOV, L.A.;
AGARKOVA, M.M.; KOUROV, V.Ya.; KOGAN, L.A.; BEZDVERNIY, G.N.;
POKROVSKIY, B.I.

Effect of the lengthening of the coking time on the coke quality and
testing of coke in the blast furnace process. Koks i khim. no.9:
23-28 '63. (MIRA 16:9)

1. Vostochnyy uglekhimicheskiy institut (for Kuperman, Gryaznov,
Mochalov, Kogan, Bezdvernyy, Pokrovskiy). 2. Ural'skiy institut
chernykh metallov (for Frolov). 3. Nizhne-Tagil'skiy
metallurgicheskiy kombinat (for Mustafin, Pushkash, Slavgorodskiy,
Lazarev, Cherkasov, Zabrodskiy, Rytchenko, Rutkovskaya,
Saitburganova, Shtager, Shishlova, Budol', Men'shikova).
4. Koksokhimstantsiya (for Borisov, Gorelov, Agarkova, Kourov).
(Coke—Testing)

KOTLIK, B.Ye.; BUDOL', Z.P.

Chromatographic method for the analysis of coke-oven gas. Koks i
khim. no.8:31-34 '62. (MIRA 17:2)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat.

BUDON, V.D.
CA

PROCESSES AND PROPERTIES INDEX

18

Removal of cobalt from zinc sulfate solutions. V. D. Hudon and B. V. Gromov. U.S.S.R. 65,606, Jan. 31, 1940. Co is pptd. from ZnSO₄ solns. by an alkali xanthate in the presence of a small quantity of bivalent Cu to hasten the oxidation of Co. The Co content in ZnSO₄ solns. can thus be reduced from 100 g. per cu. m. to 2.5 g. per cu. m. Any As, Sb, or Cl present in the soln. pptts. together with the Co.

M. Huseh

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

COMMON ELEMENTS

COMMON VARIETIES

OPEN MATERIALS INDEX

FROM SYNONYMS

FROM NOMENCLATURE

FROM LETTERS

FROM NUMBERS

ИИДОН, V.D.; POLYVYANNYY, I.R.; VLADIMIROV, V.P.

Effect of the rate of air suction on the process data obtained in
sintering lead sulfide concentrates. Izv. AN Kazakh. SSR Ser. gor.
dela, met. stroi. i strimat. no. 9:53-61 '56. (MLRA 10:2)
(Lead--Metallurgy) (Sintering)